

221324.Sequence Listing as filed by diskette Feb 21, 2003
SEQUENCE LISTING

10/505377

<110> GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY,
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LOBANENKOV, VICTOR V
LOUKINOV, DMITRI I
MORSE, HERBERT C

<120> BROTHER OF THE REGULATOR OF IMPRINTED SITES (BORIS)

<130> 221324

<150> US 60/358,889

<151> 2002-02-22

<160> 49

<170> PatentIn version 3.1

<210> 1

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<212> DNA

<213> Homo sapiens

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 35 40 45

Ala Glu Arg Thr Ser Gly Ala Phe Gln Asp Ser Val Leu Glu Glu Glu
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Ser Leu Gln Gln Cys Val Ala Ile Ser Ile Gln Gln Glu Leu Tyr Ser
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 180 185 190

Ala Glu Arg Thr Lys Glu Gln Leu Phe Phe Val Glu Thr Met Ser Gly
 195 200 205

Asp Glu Arg Ser Asp Glu Ile Val Leu Thr Val Ser Asn Ser Asn Val
 210 215 220

Glu Glu Gln Glu Asp Gln Pro Thr Ala Gly Gln Ala Asp Ala Glu Lys
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Ala Lys Ser Thr Lys Asn Gln Arg Lys Thr Lys Gly Ala Lys Gly Thr
 245 250 255

Phe His Cys Asp Val Cys Met Phe Thr Ser Ser Arg Met Ser Ser Phe
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 275 280 285

Leu Cys Leu Lys Thr Phe Arg Thr Val Thr Leu Leu Arg Asn His Val
 290 295 300

Asn Thr His Thr Gly Thr Arg Pro Tyr Lys Cys Asn Asp Cys Asn Met
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Lys Asn Glu Lys Arg Phe Lys Cys Lys His Cys Ser Tyr Ala Cys Lys
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Gln Glu Arg His Met Thr Ala His Ile Arg Thr His Thr Gly Glu Lys
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Pro Phe Thr Cys Leu Ser Cys Asn Lys Cys Phe Arg Gln Lys Gln Leu
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Leu Asn Ala His Phe Arg Lys Tyr His Asp Ala Asn Phe Ile Pro Thr
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Val Tyr Lys Cys Ser Lys Cys Gly Lys Gly Phe Ser Arg Trp Ile Asn
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Leu His Arg His Ser Glu Lys Cys Gly Ser Gly Glu Ala Lys Ser Ala
 565 570 575

Ala Ser Gly Lys Gly Arg Arg Thr Arg Lys Arg Lys Gln Thr Ile Leu
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Lys Glu Ala Thr Lys Gly Gln Lys Glu Ala Ala Lys Gly Trp Lys Glu
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Ala Ala Asn Gly Asp Glu Ala Ala Ala Glu Glu Ala Ser Thr Thr Lys
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Gly Glu Gln Phe Pro Gly Glu Met Phe Pro Val Ala Cys Arg Glu Thr
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 35 40 45

Glu Ala Glu Asn Ser Cys Leu Leu Leu Glu Ala Arg Ala Pro Val Glu
 50 55 60

Ser Asp Arg Arg Ile Leu Thr Leu Gln Thr Val His Leu Glu Ser Gln
 65 70 75 80

Asp Val His Leu Gln Gly Leu Gly Trp Leu Ser Val Pro His Ser Glu
 85 90 95

Glu Leu Ser Gly Thr Val Pro Glu Ala Glu Gly Ile Leu Gln Leu Pro
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Ser Val Leu Trp Leu Asp Pro Glu Pro Gln Leu Ser Leu Gln His Cys
 115 120 125

Val Thr Val Ser Ile Pro Glu Glu Leu Tyr Pro Pro Glu Glu Leu Gln
 130 135 140

Arg Ile His Phe His Leu Leu Arg Glu Asn Val Leu Met Ala Glu Glu
 145 150 155 160

Asn Pro Glu Leu Thr Pro Asp Leu Asp Glu Ser Thr Ala Leu Lys Lys
 165 170 175

Pro Glu Glu Asp Glu Lys Asp Gln Leu Pro Pro Gln Gly Glu Thr Asp
 180 185 190

Lys Arg Glu Glu Arg Leu Leu Leu Leu Glu Met Lys Pro Lys Glu Gly
 195 200 205

Lys Asp Asp Glu Ile Val Leu Thr Ile Ser His Leu Ser Leu Glu Glu
 210 215 220

Gln Gln Asp Pro Pro Ala Ala Asn Gln Thr Ser Val Pro Gly Ala Lys
 225 230 235 240

Ala Ala Lys Pro Lys Arg Arg Arg Gln Thr Lys Gly Lys Pro Gln Ser
 245 250 255

Phe Gln Cys Asp Thr Cys Pro Phe Thr Ser Ser Lys Leu Ser Thr Phe
 260 265 270

Asn Arg His Ile Lys Ile His Ser Asn Glu Arg Pro His Leu Cys His
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Leu Cys Leu Lys Ala Phe Arg Thr Val Thr Leu Leu Arg Asn His Val
 290 295 300

Asn Thr His Thr Gly Thr Arg Pro His Lys Cys Arg Asp Cys Asp Met
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Thr Tyr Glu Lys Pro Phe Lys Cys Ser Leu Cys Lys Tyr Ala Ser Val
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Glu Ala Ser Lys Met Lys Arg His Ile Arg Ser His Thr Gly Glu Arg
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Pro Phe Gln Cys Cys Gln Cys Ala Tyr Ala Ser Arg Asp Ser Tyr Lys
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Leu Lys Arg His Met Arg Thr His Ser Gly Glu Lys Pro Tyr Glu Cys
 385 390 395 400

Pro Thr Cys His Val Arg Phe Thr Gln Ser Gly Thr Met Lys Ile His
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Ile Ala Gln Lys His Gly Glu Asn Val Pro Lys Tyr Glu Cys Pro His
 420 425 430

Cys Ala Thr Ile Ile Ala Arg Lys Ser Asp Leu Arg Val His Leu Arg
 435 440 445

Asn Leu His Ser Gln Ser Pro Glu Glu Met Lys Cys Arg Tyr Cys Pro
 450 455 460

Ala Gly Phe His Glu Arg Tyr Ala Leu Ile Gln His Gln Arg Thr His
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Lys Asn Glu Lys Lys Phe Lys Cys Lys Gln Cys Asp Tyr Ala Cys Lys
 485 490 495

Gln Glu Arg Cys Leu Lys Ala His Met Arg Met His Thr Gly Glu Lys
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Pro Phe Ser Cys Leu Ala Cys Asn Lys His Phe Arg Gln Lys Gln Leu
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Leu His Leu Cys Leu Lys Cys Asp Lys Arg Phe Ser Arg Trp Ser Asn
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Leu Gln Arg His Arg Lys Lys Cys Asp Pro Glu His Glu Thr Leu Ala
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Pro Asn Lys Asp Arg Arg Pro Val Thr Arg Thr Gln Ala Ser Glu Gly
 580 585 590

Glu Ala Gly His Lys Glu Gly Glu Pro Gln Cys Pro Gly Glu Gln Ala
 595 600 605

Leu Gly His Gln Gly Glu Ala Ala Gly Ser Gln Ser Pro Asp His Gly
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17

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221324.Sequence Listing as filed by diskette Feb 21, 2003
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